

## Author index

- Abdollahi, H.  
—, Yafian, M.R. and Zeinali, S.  
Simultaneous mixture analysis by using non-linear spectrophotometric data and linear iterative target transformation factor analysis 153
- Absalan, G.  
— and Nekoeinia, M.  
Simultaneous kinetic determination of Fe(II) and Fe(III) based on their reactions with NQT4S in micellar media by using PLS and PCR methods 293
- Agarwal, G.S., see Rao, V.K. 173
- Ahmadi, A., see Ganjali, M.R. 185
- Akbar, V., see Ganjali, M.R. 185
- Akhond, M.  
—, Najafi, M.B. and Tashkhourian, J.  
Lanthanum-selective membrane electrode based on 2,2'-dithiodipyridine 179
- Alonso-Rodríguez, E., see Otero-Rey, J.R. 299
- Andrés García, E., see Blanco Gomis, D. 105
- Andreoli, R., see Leporati, A. 87
- Anfossi, L., see Baggiani, C. 199
- Arias Abrodo, P., see Blanco Gomis, D. 105
- Arnau-Jerez, I., see López-García, I. 125
- Bacaloni, A.  
—, Cavaliere, C., Faberi, A., Foglia, P., Samperi, R. and Laganà, A.  
Determination of isoflavones and coumestrol in river water and domestic wastewater sewage treatment plants 229
- Baeyens, W.R.G., see Fukushima, T. 163
- Baggiani, C.  
—, Anfossi, L., Baravalle, P., Giovannoli, C. and Tozzi, C.  
Selectivity features of molecularly imprinted polymers recognising the carbamate group 199
- Baravalle, P., see Baggiani, C. 199
- Bayod Jasanada, M., see Blanco Gomis, D. 105
- Blanco Gomis, D.  
—, Sánchez Núñez, N., Andrés García, E., Arias Abrodo, P., Bayod Jasanada, M. and Dolores Gutiérrez Álvarez, M.  
High speed liquid chromatography for in-process control of rifabutin 105
- Boulanger, B., see Marini, R.D. 131
- Bro, R., see Dyrby, M. 209
- Cámara, C., see Gallego-Gallegos, M. 33
- Cabrol-Bass, D., see Cordella, C. 239
- Cai, Z., see Song, F. 69
- Camões, M.F.G.F.C., see Lito, M.J.G.H.M. 141
- Campillo, N., see López-García, I. 125
- Cao, S., see Yuan, R. 1
- Carneiro, J.M.T.  
—, Dias, A.C.B., Zagatto, E.A.G., Santos, J.L.M. and Lima, J.L.F.C.  
An improved sampling approach in multi-pumping flow systems applied to the spectrophotometric determination of glucose and fructose in syrups 279
- Catellani, D., see Leporati, A. 87
- Cava-Montesinos, P.  
—, Cervera, M.L., Pastor, A. and de la Guardia, M.  
Room temperature acid sonication ICP-MS multielemental analysis of milk 111
- Cavaliere, C., see Bacaloni, A. 229
- Cervera, M.L., see Cava-Montesinos, P. 111
- Chai, Y., see Yuan, R. 1
- Chiap, P., see Marini, R.D. 131
- Christenson, A., see Dock, E. 165
- Christopoulos, T.K., see Emmanouilidou, E. 193
- Clément, M.-C., see Cordella, C. 239
- Cordella, C.  
—, Militão, J.S.L.T., Clément, M.-C., Drajnudel, P. and Cabrol-Bass, D.  
Detection and quantification of honey adulteration via direct incorporation of sugar syrups or bee-feeding: preliminary study using high-performance anion exchange chromatography with pulsed amperometric detection (HPAEC-PAD) and chemometrics 239
- Crommen, J., see Marini, R.D. 131
- Dasgupta, P.K., see Li, J. 51
- de la Guardia, M., see Cava-Montesinos, P. 111
- De Voogt, P., see Jonkers, N. 217
- Dias, A.C.B., see Carneiro, J.M.T. 279
- Dock, E.  
—, Christenson, A., Sapelnikova, S., Krejci, J., Emnéus, J. and Ruzgas, T.  
A steady-state and flow-through cell for screen-printed eight-electrode arrays 165
- Dolores Gutiérrez Álvarez, M., see Blanco Gomis, D. 105
- Downs, D.K., see Kunz, R.R. 267
- Drajnudel, P., see Cordella, C. 239
- Dyrby, M.  
—, Petersen, M., Whittaker, A.K., Lambert, L., Nørgaard, L., Bro, R. and Engelsen, S.B.  
Analysis of lipoproteins using 2D diffusion-edited NMR spectroscopy and multi-way chemometrics 209
- Emmanouilidou, E.  
—, Tannous, B., Ioannou, P.C. and Christopoulos, T.K.  
Duplex RT-PCR and chemiluminometric hybridization assay for combined screening of the mRNAs of prostate-specific antigen and prostate-specific membrane antigen in peripheral blood 193
- Emnéus, J., see Dock, E. 165
- Endo, T.  
—, Okuyama, A., Matsubara, Y., Nishi, K., Kobayashi, M., Yamamura, S., Morita, Y., Takamura, Y., Mizukami, H. and Tamiya, E.

- Fluorescence-based assay with enzyme amplification on a micro-flow immunosensor chip for monitoring coplanar polychlorinated biphenyls 7
- Engelsen, S.B., see Dyrby, M. 209
- Espinosa-Mansilla, A.  
—, Peña, A.M. de la, Gómez, D.G. and Salinas, F.  
Photoinduced spectrofluorimetric determination of fluoroquinolones in human urine by using three- and two-way spectroscopic data and multivariate calibration 257
- Faberi, A., see Bacaloni, A. 229
- Foglia, P., see Bacaloni, A. 229
- Fu, R., see Liang, M. 97
- Fukushima, T.  
—, Naka-aki, E., Guo, X., Li, F., Vankeirsbilck, T., Baeyens, W.R.G., Imai, K. and Toyo'oka, T.  
Erratum to "Determination of fluoxetine and norfluoxetine in rat brain microdialysis samples following intraperitoneal fluoxetine administration" [Anal. Chim. Acta 522 (2004) 99–104] 163
- Funasaki, N.  
—, Nagaoka, M. and Hirota, S.  
Competitive potentiometric determination of binding constants between  $\alpha$ -cyclodextrin and 1-alkanols 147
- Gómez, D.G., see Espinosa-Mansilla, A. 257
- Gallego-Gallegos, M.  
—, Muñoz-Olivas, R., Martín-Esteban, A. and Cámara, C.  
Synthesis and evaluation of molecularly imprinted polymers for organotin compounds: a screening method for tributyltin detection in seawater 33
- Ganjali, M.R.  
—, Akbar, V., Ghorbani, M., Norouzi, P. and Ahmadi, A.  
Fluoride determination in some mouth wash preparations by a novel La(III) graphite coated membrane sensor based on amitraz 185
- Ghorbani, M., see Ganjali, M.R. 185
- Giovannoli, C., see Baggiani, C. 199
- Goto, T.  
—, Ito, Y., Oka, H., Saito, I., Matsumoto, H., Sugiyama, H., Ohkubo, C., Nakazawa, H. and Nagase, H.  
The high throughput analysis of *N*-methyl carbamate pesticides in wine and juice by electrospray ionization liquid chromatography tandem mass spectrometry with direct sample injection into a short column 79
- Govers, H., see Jonkers, N. 217
- Guo, X., see Fukushima, T. 163
- Hemmateenejad, B., see Kardanpour, Z. 285
- Hernández-Córdoba, M., see López-García, I. 125
- Heyden, Y.V., see Marini, R.D. 131
- Hirata, S., see Toda, K. 41
- Hirota, S., see Funasaki, N. 147
- Hong, J.E.  
—, Pyo, H., Park, S.-J. and Lee, W.  
Determination of hydroxy-PCBs in urine by gas chromatography/mass spectrometry with solid-phase extraction and derivatization 249
- Huang, J., see Liang, M. 97
- Hubert, P., see Marini, R.D. 131
- Imai, K., see Fukushima, T. 163
- Ioannou, P.C., see Emmanouilidou, E. 193
- Ito, Y., see Goto, T. 79
- Jonkers, N.  
—, Govers, H. and De Voogt, P.  
Adduct formation in LC-ESI-MS of nonylphenol ethoxylates: mass spectrometrical, theoretical and quantitative analytical aspects 217
- Kardanpour, Z.  
—, Hemmateenejad, B. and Khayamian, T.  
Wavelet neural network-based QSPR for prediction of critical micelle concentration of Gemini surfactants 285
- Khayamian, T., see Kardanpour, Z. 285
- Kobayashi, M., see Endo, T. 7
- Krejci, J., see Dock, E. 165
- Kunz, R.R.  
—, Leibowitz, F.L. and Downs, D.K.  
Ultraviolet photolytic vapor generation from particulate ensembles for detection of malathion residues in aerosols 267
- Laganà, A., see Bacaloni, A. 229
- Lambert, L., see Dyrby, M. 209
- Lee, W., see Hong, J.E. 249
- Leibowitz, F.L., see Kunz, R.R. 267
- Leporati, A.  
—, Catellani, D., Suman, M., Andreoli, R., Manini, P. and Niessen, W.M.A.  
Application of a liquid chromatography tandem mass spectrometry method to the analysis of water-soluble vitamins in Italian pasta 87
- Li, D., see Ren, C.L. 15
- Li, F., see Fukushima, T. 163
- Li, J.  
—, Dasgupta, P.K. and Luke, W.  
Measurement of gaseous and aqueous trace formaldehyde. Revisiting the pentanedione reaction and field applications 51
- Li, Q., see Yuan, R. 1
- Liang, M.  
—, Qi, M., Zhang, C., Zhou, S., Fu, R. and Huang, J.  
Gas chromatography-mass spectrometry analysis of volatile compounds from *Houttuynia cordata* Thunb after extraction by solid-phase microextraction, flash evaporation and steam distillation 97
- Lima, J.L.F.C., see Carneiro, J.M.T. 279
- Lima, J.L.F.C., see Pinto, P.C.A.G. 25
- Lito, M.J.G.H.M.  
— and Camões, M.F.G.F.C.  
Reassessment of pH reference values with improved methodology for the evaluation of ionic strength 141
- Liu, S., see Song, F. 69
- Liu, Z., see Song, F. 69
- López-Mahía, P., see Otero-Rey, J.R. 299
- López-García, I.  
—, Campillo, N., Arnao-Jerez, I. and Hernández-Córdoba, M.  
Electrothermal atomic absorption spectrometric determination of germanium in soils using ultrasound-assisted leaching 125
- Luke, W., see Li, J. 51
- Manini, P., see Leporati, A. 87
- Marini, R.D.  
—, Boulanger, B., Heyden, Y.V., Chiap, P., Crommen, J. and Hubert, P.  
Uncertainty assessment from robustness testing applied on an LC assay for *R*-timolol and other related substances in *S*-timolol maleate 131
- Martín-Esteban, A., see Gallego-Gallegos, M. 33
- Mato-Fernández, M.J., see Otero-Rey, J.R. 299
- Matsubara, Y., see Endo, T. 7
- Matsumoto, H., see Goto, T. 79
- Militão, J.S.L.T., see Cordella, C. 239
- Mizukami, H., see Endo, T. 7
- Moreda-Piñero, J., see Otero-Rey, J.R. 299
- Mori, K., see Toda, K. 41
- Morita, Y., see Endo, T. 7
- Muñoz-Olivas, R., see Gallego-Gallegos, M. 33
- Muniategui-Lorenzo, S., see Otero-Rey, J.R. 299
- Nørgaard, L., see Dyrby, M. 209
- Nabi, A., see Yaqoob, M. 161

- Nagaoka, M., see Funasaki, N. 147  
Nagase, H., see Goto, T. 79  
Najafi, M.B., see Akhond, M. 179  
Naka-aki, E., see Fukushima, T. 163  
Nakazawa, H., see Goto, T. 79  
Nekoeinia, M., see Absalan, G. 293  
Niessen, W.M.A., see Leporati, A. 87  
Nishi, K., see Endo, T. 7  
Norouzi, P., see Ganjali, M.R. 185
- Ohkubo, C., see Goto, T. 79  
Oka, H., see Goto, T. 79  
Okuyama, A., see Endo, T. 7  
Otero-Rey, J.R.  
—, Mato-Fernández, M.J., Moreda-Piñeiro, J., Alonso-Rodríguez, E., Muniategui-Lorenzo, S., López-Mahía, P. and Prada-Rodríguez, D.  
Influence of several experimental parameters on As and Se leaching from coal fly ash samples 299
- Park, S.-J., see Hong, J.E. 249  
Pastor, A., see Cava-Montesinos, P. 111  
Peña, A.M. de la, see Espinosa-Mansilla, A. 257  
Petersen, M., see Dyrby, M. 209  
Pinto, P.C.A.G.  
—, Saraiva, M.L.M.F.S., Reis, S. and Lima, J.L.F.C.  
Automatic sequential determination of the hydrogen peroxide scavenging activity and evaluation of the antioxidant potential by the 2,2'-azino-bis(3-ethylbenzothiazoline-6-sulfonic acid) radical cation assay in wines by sequential injection analysis 25  
Prada-Rodríguez, D., see Otero-Rey, J.R. 299  
Pyo, H., see Hong, J.E. 249
- Qi, M., see Liang, M. 97
- Rai, G.P., see Rao, V.K. 173  
Rao, V.K.  
—, Rai, G.P., Agarwal, G.S. and Suresh, S.  
Amperometric immunosensor for detection of antibodies of *Salmonella typhi* in patient serum 173  
Reis, S., see Pinto, P.C.A.G. 25  
Ren, C.L.  
— and Li, D.  
Improved understanding of the effect of electrical double layer on pressure-driven flow in microchannels 15  
Ruzgas, T., see Dock, E. 165
- Sánchez Núñez, N., see Blanco Gomis, D. 105  
Saito, I., see Goto, T. 79  
Salinas, F., see Espinosa-Mansilla, A. 257
- Samperi, R., see Bacaloni, A. 229  
Santos, J.L.M., see Carneiro, J.M.T. 279  
Sapelnikova, S., see Dock, E. 165  
Saraiva, M.L.M.F.S., see Pinto, P.C.A.G. 25  
Song, F.  
—, Liu, Z., Liu, S. and Cai, Z.  
Differentiation and identification of ginsenoside isomers by electrospray ionization tandem mass spectrometry 69  
Sugiyama, H., see Goto, T. 79  
Suman, M., see Leporati, A. 87  
Suresh, S., see Rao, V.K. 173
- Takamura, Y., see Endo, T. 7  
Tamiya, E., see Endo, T. 7  
Tannous, B., see Emmanouilidou, E. 193  
Tashkhourian, J., see Akhond, M. 179  
Toda, K.  
—, Yoshioka, K.-I., Mori, K. and Hirata, S.  
Portable system for near-real time measurement of gaseous formaldehyde by means of parallel scrubber stopped-flow absorptimetry 41  
Toyo'oka, T., see Fukushima, T. 163  
Tozzi, C., see Baggiani, C. 199
- Vankeirsbilck, T., see Fukushima, T. 163
- Whittaker, A.K., see Dyrby, M. 209  
Worsfold, P.J., see Yaqoob, M. 161
- Yaftian, M.R., see Abdollahi, H. 153  
Yamamura, S., see Endo, T. 7  
Yaqoob, M.  
—, Nabi, A. and Worsfold, P.J.  
Corrigendum to "Determination of silicate in freshwaters using flow injection with luminol chemiluminescence detection" [*Anal. Chim. Acta* 519 (2004) 137–142] 161  
Yoshioka, K.-I., see Toda, K. 41  
Yuan, R.  
—, Zhang, L., Li, Q., Chai, Y. and Cao, S.  
A label-free amperometric immunosensor based on multi-layer assembly of polymerized *o*-phenylenediamine and gold nanoparticles for determination of Japanese B encephalitis vaccine 1
- Zagatto, E.A.G., see Carneiro, J.M.T. 279  
Zeinali, S., see Abdollahi, H. 153  
Zhang, C., see Liang, M. 97  
Zhang, L., see Yuan, R. 1  
Zhou, S., see Liang, M. 97



